Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Study Guide for Biology Quiz - Fri Sept 12

Be able to:

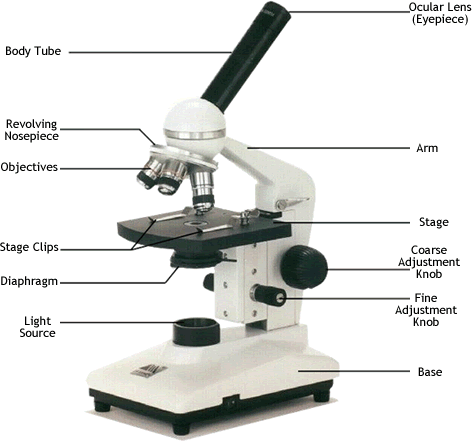
* Explain why something is living/once-living or nonliving using the characteristics of life.
  + Refer to your notes and to Table 1.1 on pg. 7 in textbook
* Make a labeled graph if given data
  + Refer to senses ruler lab

|  |  |  |  |
| --- | --- | --- | --- |
|  | Sight | Touch | Sound |
| Avg. length when caught (cm) | 11 | 18 | 16 |

Avg. Length at which ruler was caught



* Identify the part of a microscope
  + Stage, objectives, clips, etc.



* Explain how to make a wet mount (made one for the “e”, the inion cells & cheek cells)
* Explain how to focus a microscope properly
  + Course adjustment knob, fine adjustment knob
* Explain what a cells is
* Explain the similarities between all cells (prokaryote & eukaryote)
* Explain the differences between prokaryotes and eukaryotes
* Name the two groups that are prokaryotes
* Name the four groups that are eukaryotes
* Explain the similarities between plant and animal cells
* Explain the differences between plant and animal cells
* Identify a cell as prokaryote or eukaryote (plant or animal) If shown a picture/slide of a cell. Be able to provide reasoning for your answer as well.